Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 24 Dec 2020 until 23:59 on Friday 25 Dec 2020

Forecast Issued on Wednesday 23 Dec 2020 at 16:28

Confidence: High for a cold start and then a change, briefly, to milder, wetter and windier conditions but lower with regard to details, especially through Monday with low pressure centred over the UK.

Headline for Thursday 24 Dec 2020: Sunny spells and wintry showers. Very cold with strong northerly winds easing

Mountain weather hazards on Thursday 24 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Partly cloudy (night)	Clear night	Sunny intervals	Sleet showers	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
30%	<05%	00%	10%	30%	20%	<05%	00%

Forecast for Thursday 24 Dec 2020

Weather: Any rain, sleet and summit snow soon clearing then dry with long clear spells overnight and a widespread frost. Then a bright but frosty start to the day with some sunny spells, especially in the west, with occasional mainly light wintry showers spreading south. The showers clear through the afternoon and the evening looks dry with clear spells.

Chance of cloud free mountain/hill tops above 600m: Close to 100% at first with little or no cloud below the summits but falling to 40% in the east by late morning with periods of cloud above 600m and patches below, but nearer 75% in the west and becoming more generally through the late afternoon and evening with cloud more occasional above 600m.

Visibility: Very good or excellent falling to just a few kilometres in wintry showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 24 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/38 N	19/29 N	17/27 NW	17/27 NW	18/27 N	17/26 N	16/26 N	13/22 NW	9/16 NW
300	19/31 N	14/24 N	12/20 NW	10/19 NW	13/21 NW	13/22 NW	11/18 W	9/16 NW	7/13 NW
Valley	14/31 N	10/23 N	6/17 NW	7/18 NW	9/19 NW	10/21 NW	7/16 NW	5/13 NW	3/9 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-7	-1/-8	-2/-9	-3/-10	-2/-8	-2/-8	-2/-9	-3/-9	-4/-9
300	3/-2	1/-4	-0/-6	-1/-6	1/-4	1/-4	-0/-5	-1/-6	-2/-6
Valley	4/-1	1/-3	-1/-4	-1/-5	2/-2	2/-3	-0/-4	-2/-5	-3/-5
Freezing Level*	700m	400m	00m	00m	200m	300m	000m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 45mph over higher peaks through the early hours. Significant chill effect at all levels through the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 23 Dec 2020	6.8mm	18.6mm	23.6mm

Forecast for Friday 25 Dec 2020

Weather: Clear, dry and frosty overnight. A bright start but cloud increasing from the northwest through the morning, with outbreaks of mainly light rain, with a little initial sleet and, over higher peaks, snow from late morning

Maximum wind: Northerly or northwesterly 10-15mph backing westerly 15-20mph by midday, with gusts around 35mph over higher peaks by evening.

Chance of cloud free mountain/hill tops above 600m: Close to 100% at first with little cloud below summits becoming close to zero through the morning with periods or persistent cloud above 600m developing.

Visibility: Very good falling to several kilometres in rain and sleet and just 1 or 2 kilometres in higher peak snow.

Temperature: **Valleys:** Minus 3 or 4 Celsius overnight rising to plus 8 or 9 Celsius by day
At 600m: Around minus 4 Celsius rising to plus 3 Celsius through the afternoon and evening
Freezing level: All levels at first gradually rising above the summits.

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